AMENDMENTS TO THE CLAIMS

1. (CURENTLY AMENDED) A method of managing overwrite on an optical disc write once, comprising:

~~writing~~ replacement-recording data, which is requested to be overwritten in a specified area of the disc where recording is completed, in ~~from~~ a rear portion of a user data area of the disc; and

recording information on a last logical sector number ~~recordable position~~ of the user data area, which is changed in accordance with the replacement recording operation, in a management area of the disc.

2. (CURENTLY AMENDED) The method of claim 1, wherein the last logical sector number ~~recordable position information~~ of the user data area is obtained by updating information on a previous last logical sector number ~~recordable position~~ of the user data area.

3. (CURENTLY AMENDED) The method of claim 1, wherein the last logical sector number ~~recordable position information~~ of the user data area is recorded ~~updated~~ as new management information while information on a previous last logical sector number ~~recordable position~~ of the user data area is maintained as it is.

4. (ORIGINAL) The method of claim 1, wherein the optical disc write once is a dual-layer type optical disc write once, to which the method is applied in the same manner.

5. (ORIGINAL) The method of claim 4, wherein the dual layers have user data areas consecutively given like one recording layer.

6. (CURENTLY AMENDED) A method of managing overwrite on an optical disc write once, comprising:

writing replacement-recording data, which is requested to be overwritten in a specified area of the disc where recording is completed, in ~~from~~ an area preceding an outer spare area ~~(OSA)~~ of the disc;

extending the outer spare area ~~OSA~~ as large as a size of a replacement-recorded area; and

recording information on a last logical sector number ~~recordable position~~ of the user data area, which is changed in accordance with the extension of the outer spare area ~~OSA~~, in a management area of the disc.

7. (CURENTLY AMENDED) A method of managing overwrite on an optical disc write once, comprising:

writing replacement-recording data, which is requested to be overwritten in a specified area of the disc where recording is completed, in an outer spare area ~~(OSA)~~ of the disc;

determining whether to extend the outer spare area ~~OSA~~ in consideration of a size of a replacement-recorded area; and

recording information on a last logical sector number ~~recordable position~~ of the user data area, which is changed in accordance with the determination of the extension of the outer spare area ~~OSA~~, in a management area of the disc.

8. (CURENTLY AMENDED) The method of claim 7, wherein whether to extend the outer spare area ~~OSA~~ is determined before the replacement recording operation.

9. (CURENTLY AMENDED) The method of claim 7, wherein whether to extend the outer spare area OSA is determined during initialization of the disc.

10. (CURENTLY AMENDED) A method of managing overwrite on an optical disc write once having a plurality of recording layers, comprising:

selectively writing replacement-recording data, which is requested to be overwritten in a specified area of the disc where recording is completed, in a user data area of the respective recording layer of the disc; and

recording information on a last logical sector number recordable position of the user data area of the respective recording layer, which is changed in accordance with the replacement recording operation, in a management area of the disc.

11. (CURENTLY AMENDED) The method of claim 10, wherein the last logical sector number recordable position information of the user data area of the respective recording layer is obtained by updating information on a previous last logical sector number recordable position of the user data area of the respective recording layer.

12. (CURENTLY AMENDED) The method of claim 10, wherein the last logical sector number recordable position information of the user data area of the respective recording layer is recorded updated as new management information while information on a previous last logical sector number recordable position of the user data area of the respective recording layer is maintained as it is.

13-17. (CANCELLED)

18. (NEW) An apparatus for recording/reproducing an optical disc write once, comprising:

a recording device for judging whether a specified area is an already recorded area or a non-recorded area, and if it is judged that the specified area is the already recorded area, writing data, requested to be overwritten in the specified area, in a replacement area of a data area and recording information on a last logical sector number of the data area, wherein the last logical sector number of the data area is changed by the writing operation.

19. (NEW) A recording medium, comprising:

a data area including an area being usable as a replacement area; and

at least one management area for storing information including a last logical sector number of the data area,

wherein the replacement area is assigned when writing data requested to be overwritten in a recorded area of the data area in the replacement area, and the last logical sector number of the data area is changed by the assigned replacement area.

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